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SUBSTITUTE SPECIFICATION

VEHICLE SEAT WITH AUTO- FOLD LEG

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims priority benefit to International Application No. PCT/US2004/009370 filed on March 26, 2004 and published in English under the PCT, and United States Application No. 10/444,432, filed May 23, 2003, now United States Patent No. 6,742,841, issued June 1, 2004 all of which are incorporated herein by this reference.

BACKGROUND OF THE INVENTION

[0002] The present invention relates generally to the field of vehicle seats and more particularly relates to a vehicle seat having automatic folding legs.

[0003] It is known to provide a vehicle seat, for example, an automotive seat having a reclineable back. It is also known to provide a vehicle seat having a reclineable back and an independently movable seat base. It is also known to provide a vehicle seat having a movable seat base that pivots to an upright position. It is also known to provide a vehicle seat having an adjustable lumbar consisting of a flexible member having a first end anchored and a second end moved with respect to the first end to cause the flexible member to vary its shape to provide adjustable support within the lumbar region of an automotive seat.

[0004] Notwithstanding the known devices, there remains a significant need to develop a vehicle seat having a seat base which is capable of pivoting to an upright position with a one-hand operation of a user. Further, there remains a need to provide a vehicle seat that includes an automatic folding leg assembly. Further, there remains a need to provide a vehicle seat having an indicator to notify a user of a predetermined condition of the seat base.